

EVALUATED NEUTRONIC FILE FOR INDIUM

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ABSTRACT

A comprehensive evaluated neutronic data file for elemental indium is documented. This file, extending from 10^{-5} eV to 20 MeV, is presented in the ENDF/B-VI format, and contains all neutron-induced processes necessary for the vast majority of neutronic applications. In addition, an evaluation of the $^{115}\text{In}(n,n')^{116\text{m}}\text{In}$ dosimetry reaction is presented as a separate file. Attention is given in quantitative values, with corresponding uncertainty information. These files have been submitted for consideration as a part of the ENDF/B-VI national evaluated-file system.